MINING APPLICATION NO. _____

Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

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MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company WESTWATER, INC.
2. Proposed type of operation STRIP MINING
3. (a) Prior Land Use(s) PASTURE LAND
   (b) Current Land Use(s) PASTURE LAND
   (c) Possible or Prospective Future Land Use(s) PASTURE LAND
4. What vegetation exists on the land proposed to be affected JUNIPER TREES, BRUSH & WEEDS
   (a) Types and Estimated Percent cover or density: 85% BRUSH, WEEDS - JUNIPER TREES - 15% EXPOSED HUMATES
5. What is the pH range of soil before mining? 4.0-4.8 pH
   Name of Person or Agency and method of determining pH AMERICAN RESEARCH & CHEMICAL LABROTORIES
6. Site elevation above sea level 4,600 to 4850 Ft.
7. In case of coal, oil shale, and bituminous sandstone:
   Principal seam(s) and thickness(es) —
8. Estimated duration of mining operations 1ST PHASE - 4 YRS
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (X) No
   Does the above material being moved have any other characteristics affecting revegetation? WILL ADD to REVEGETATION when MIXED with OVERBURDEN
10. Will any underground workings or aquifers be encountered? ( ) Yes (X) No
    Describe _____
    Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (X) No If yes, describe the quality of water being discharged. _____

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11. Describe specifically a detailed procedure for:
    (a) The mining sequence
    (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
    (c) The procedure for site preparation including removing trees and brush.
    (d) The method for removing and stockpiling topsoil or disturbed materials.
    (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
    (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

(a) Typical cross-section of regrading.
(b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
(c) What type of soil treatment will be utilized.
(d) The method of drainage control for the final regraded area.
(e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

FRONT END LOADER WILL BE USED TO GRADE OVERBURDEN/HUMUS MIXTU

Describe method for the testing of soil that is intended to support vegetation

WILL SUPPORT LOADER WEIGHT (COMPACTED)

2. Describe any soil treatment employed as an aid to revegetation ____

PILED/STORED OVERBURDEN to be MIXED with HUMATES FOR IMPROVED GROWTH.

3. Describe surface preparation of areas intended to support vegetation:

HUMATES will be leveled to equal LEVEL AT Valley (EXIST'G GRADE) AREA / HILLY AREA (HUMATES) when removed will be APPROXIMATELY GRADE OF Valley Presently grassed

REVEGETATION

1. Revegetation to be completed by:
    (X) Operator
    ( ) Soil Conservation District
    ( ) Private Contractor
    ( ) Other (specify) _____

    ( ) Hydroseeding
    ( ) Aerial Seeding
    ( ) Conventional or Rangeland D
    ( ) Broadcast and Drag
    ( ) Other SPREAD-PASTURE grass seed OVER graded area

2. Will Mulch be used? (X) Yes ( ) No

Type: Mixture of Humates & Stored Overburden Rate/Acre 1,000lbs/Acre lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Pasture Grass	200# Acre	Where Grade meets Valley Floor	East/West	Spring-Summer

4. Will affected area be subject to livestock or wildlife grazing?

( ) Yes (X) No Will vegetation protection be needed? Area affected will be minimal Due to Height of ore (20'-0") Ratio will be 20 to 1 - 20 Humus - 1 - Vegetation Area

5. Will irrigation be used: ( ) Yes (X) No Type Natural Moisture in Area. No irrigation Appl

6. Describe maintenance procedures for revegetation if needed, until surety release is granted. Equipment will Avoid Planted Area until grass (through Natural Growth) & Seed takes by existing moisture in area.

STATE OF _____

COUNTY OF _____

I, _____, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: _____

Taken, subscribed and sworn to before me the undersigned authority in my said county, this _____ day of _____, 19__.

Notary Public: _____

My Commission Expires:

MARGIE FERGUSON
Notary Public - State of Nevada
Mineral County
My Appointment Expires Sep. 2, 1984

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

> "Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES _____ (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

_____ _____ _____

_____ _____ _____

_____ _____ _____